

# ELECTRICAL ISOLATION TECHNIQUES FOR DSL MODEM

## ABSTRACT OF THE DISCLOSURE

[0095] One embodiment of the present invention provides a DSL modem for coupling a transmission line to a communication system interface, the modem having digital isolation and power isolation. Another embodiment of the present invention provides a method for communicating power signals and data signals between a first-side of a modem and a second-side of the modem, the first and second sides of the modem being electrically isolated from one another.

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